TABLE 8

TEMPERATURES, PRESSURES, VELOCITY, TIME DATA FROM VARIOUS SOURCES

	E. Juon at Donetz-Jurjewka Works	
	Pressures in mm of of Water	Temperatures, Average, Degrees C
Gas in main . . .	+ 15	600
Gas in flues under regenerators	+ 2 to	650 to
Average	+11	750
Gas at top of regenerators	+5	700
Gas at top of uptake	+4	1100 to
	+7	1300
Air under regenerators	+ 5 to	1200
	+10	1250
Air at top of regenerators	-1	1200 to
	TO	1300
Air at top of uptake .	+3	550
	TO	400 to
Hearth chamber, top and bottom	-3	700
	- 2 to - 3	1225
Waste gases top of uptake — Gas	+ 1.5	1100 to
—Air	-14 to -	1350
	15	1300
Top of gas regenerator	-14 to -	1250 to
Top of air regenerator	15	1400
Below gas regenerator	-19	1800
Below air regenerator	-18	1700
At base of stack	-33	1700

	Temperatures		
	Told	Le Chatelier	Harbison Walker
Gas in flues	400	720	720
Leaving regenerator	850	1200	1200
Average temperature in regenerator	625	1000	1000
Air at reversing valve	30		
In flues leading to regenerator	270		
Leaving regenerators	950		
Average temperature in regenerator	610		
Waste gases entering regenerators	1600		
After reversing valve	300		